

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT United States Patent and Trademark Office Washington, D.C. 20231 www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT			ATTY. DOCKET NO.
09/830762 AMY E MANDRAGOURAS LAHIVE & COCKFIELD 28 STATE STREET BOSTON, MA 02109	SHIPP	M		DFN-031US
		Γ.	INTERNATIONAL APPLICATION NO.	
		_	PCT/US99/25439	
			I.A. FILING DATE	PRIORITY DATE
			29 OCT 99	29 OCT 98

DATE MALLED: 12 JUN 2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE U	UNITED
STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)	

STATES DESIG	TATES ELECTED CITIES (SCIENCE)	
1. The following items have been submitted Office as a Designated Office (37)	by the applicant or the IB to the United States Patent and Trademark CFR 1.494) an Elected Office (37 CFR 1.495):	
U.S. Basic National Fee.	Indication of Small Entity Status.	
Copy of the international application	tion. Translation of the international application into English.	
- Oath or Declaration of inventors		
Compared to 10 amondments	Other:	
Priority Document.		
The International Dreliminary Ex	amination Report in English and its Annexes, if any.	
Templation of Appears to the Int	ernational Preliminary Examination Report into English.	
2 Applicant has requested early processing	g under 35 U.S.C. 371(f) but has not filed the following indicated items and/or	
the indicated items in paragraph 3 below. Th	e Basic National Fee and the copy of the international application must be filed	
prior to 20 or 30 months from the priority dat	e to avoid abandonment.	
U.S. Basic National Fee.	Copy of the international application.	
-		
3. The following items MUST be furnished	within the period set forth below in order to complete the requirements for	
acceptance under 35 U.S.C. 371:	into English. A processing fee will be required if submitted	
a. Translation of the application	mto riigisii. A processing fee will be required it submitted	
later than the appropriate 2	0 or 30 months from the priority date. efective for the reasons indicated on the attached Notice of Defective	
	elective for the reasons mutcated on the damage reasons	
Translation.	he translation of the application and/or the Annexes later than the	
ioto 20 or 30 month	s from the priority date (37 CFR 1.492(f)).	
Gran Coath or declaration of the inve	entors, in compliance with 37 CFR 1.49/(a) and (b), properly identifying	
the application (preferably)	by the International application number and international filing date). A	
surcharge will be required	if submitted later than the appropriate 20 or 30 months from the priority	
doto		
The current oath or declara	tion does not comply with 37 CFR 1.497(a) and (b) for the reasons	
indicated on the attached P	CT/DO/EO/917.	
d. Surcharge for providing the o	ath or declaration later than the appropriate 20 or 30 months from the	
priority date (37 CFR 1.49	2(e)). ss a large entity small entity, including any required multiple dependent	
4. Additional claim fees of \$	is a large tatas large with additional claims for which fees are	
due (37 CFR 1.492(g)). See attached PTO-8	75.	
5. Applicant has not submitted the require	ed sequence listing pursuant to 37 CFR 1.821-1.825. See attached	
PCT/DO/EO/920.		
	A AND A ADOME MUST BE SUBMITTED WITHIN TWO (2)	
ALL OF THE ITEMS SET FORTH IN 30	a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) AOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM	
MONTHS FROM THE DATE OF THIS P	ICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY	
RESPOND WILL RESULT IN ABANDO	NMENT.	
The time period set above may be extended by	by filing a petition and fee for extension of time under the provisions of 37 CFR	
1.136(a).		
C. IS how to on to in absolved a translation of	of the Annexes MUST be submitted no later than the time period set above or the	
A processing fee	will be required if submitted later than 20 or 30 months from the priority date.	
7. The Article 19 amendments are cancel	led since a translation was not provided by the appropriate 20 (37 CFR 1.494(d))	
or 30 (37 CFR 1.495(d)) months from the pr	iority date.	
Applicant is reminded that any communication	on to the United States Patent and Trademark Office must be mailed to the	
address given in the heading and include the	U.S. application no. shown above. (37 CFR 1.5)	
A copy of this notice MUST be returned with this response.		
	Notice of Defective Translation	
Enclosed: X PCT/DO/EO/917	- PGE/IDO/ICO/020	
PTO-875	Karen Williams	
FORM PCT/DO/EO/905 (March 2001)	Telephone: 703-305-3688	
I OKAN LC LADOLFOLDON (Material TOOL)		